Payload 1 Daily Flight Report

Date: 2023-07-30
Flight Campaign ID: P1C1
Airport, FBO ID, City: Fairbanks International Airport (PAFA) - Fairbanks, AK
Aircraft: N331AR

Domain: 19 (Taiga)
Sites Flown: None
Days left in Domain: 22

Report Author: Mike
Lidar Operators: Mike
Flight Hours: 00:00
Spectrometer Operators: Cameron
Hours until maintenance: 62.98
Pilots: Jeff, Vince

Summary
Stratus and low-slung rain clouds in the survey areas precluded flights today.

Concerns
- None

Comments
- None

Daily Coverage
Estimated Cloud Cover Key

<table>
<thead>
<tr>
<th>Green: 0-10%</th>
<th>Yellow: 11-50%</th>
<th>Red: &gt;50%</th>
</tr>
</thead>
</table>

Cumulative Domain Coverage

D19|BONA (Caribou Creek and Poker Flats Watershed )

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</table>
Flown: 0% (0/46)
Green: 0% (0/46)
Yellow: 0% (0/46)
Red: 0% (0/46)

D19|DEJU_P1 (Delta Junction)

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</table>
| Flown: 100% (9/9)
Green: 100% (9/9)
Yellow: 0% (0/9)
Red: 0% (0/9)
D19|DEJU_P2 (Delta Junction)

Flown: 100% (10/10)
Green: 100% (10/10)
Yellow: 0% (0/10)
Red: 0% (0/10)

D19|HEAL (Healy)

Flown: 0% (0/33)
Green: 0% (0/33)
Yellow: 0% (0/33)
Red: 0% (0/33)

Weather Forecast
Fairbanks, AK (BONA)

<table>
<thead>
<tr>
<th>Mon 7/31</th>
<th>Tue 8/1</th>
<th>Wed 8/2</th>
<th>Thu 8/3</th>
<th>Fri 8/4</th>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
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</thead>
<tbody>
<tr>
<td>80°</td>
<td>57°F</td>
<td>55°F</td>
<td>79°</td>
<td>57°F</td>
<td>80°</td>
<td>57°F</td>
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<tr>
<td>Partly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
</table>

Healy, AK (HEAL)

<table>
<thead>
<tr>
<th>Mon 7/31</th>
<th>Tue 8/1</th>
<th>Wed 8/2</th>
<th>Thu 8/3</th>
<th>Fri 8/4</th>
<th>Sat 8/5</th>
<th>Sun 8/6</th>
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</thead>
<tbody>
<tr>
<td>73°</td>
<td>54°F</td>
<td>53°F</td>
<td>75°</td>
<td>54°F</td>
<td>76°</td>
<td>54°F</td>
</tr>
<tr>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Mostly Cloudy</td>
<td>Mostly Sunny</td>
<td>Mostly Sunny</td>
<td>Partly Cloudy</td>
</tr>
</tbody>
</table>

source: wunderground.com
Flight Collection Plan for 31 July 2023

Flyority 1
Collection Area: Caribou Creek – Poker Flats Watershed (BONA)
Flight Plan Name: D19_BONA_C1_P1_v1_PRM.xml
On-Station Time: 11:00 L / 19:00 UTC

Flyority 2
Collection Area: Healy (HEAL)
Flight Plan Name: D19_HEAL_R3_P1_v1_PRM.xml
On-Station Time: 11:00 L / 19:00 UTC

Crew: Cameron (Lidar), Mike (NIS)